

NOV 27 2000

FORM PTO-1449 (Modified)

Attorney Docket No.: 19452A-000700US

Application No.: 09/548,971

LIST OF PATENTS AND PUBLICATIONS  
 APPLICANT'S INFORMATION DISCLOSURE  
 STATEMENT (Use several sheets if necessary)

Applicant: Sarah Liljegren &amp; Martin F. Yanofsky

Filing Date: April 13, 2000

Group:

Reference Designation

U.S. PATENT DOCUMENTS

Page 1

Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)

## FOREIGN PATENT DOCUMENTS

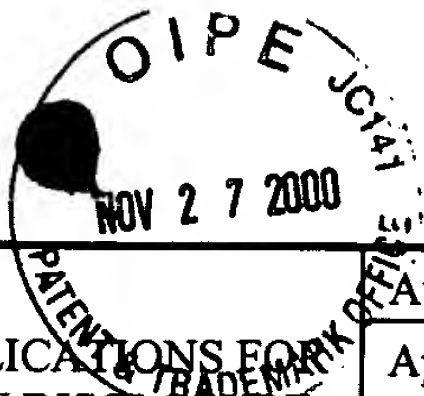
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
OK 1	WO 98/22592	5/28/98	PCT			Y
2	WO 97/13865	4/17/97	PCT			Y
OK 3	WO 94/23043	10/13/94	PCT			Y

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

OK 4	A. Ros Barceló, "Lignification in Plant Cell Walls"; <i>International Review of Cytology</i> , Vol. 176, p. 87-132 (1997)					
5	Coupe et al., "Identification and characterization of a proline-rich mRNA that accumulates during pod development in oilseed rape ( <i>Brassica napus</i> L.), "; <i>Plant Mol. Biol.</i> 23:1223-1232 (1993)					
6	Dixon, et al., "Metabolic engineering: prospects for crop improvement through the genetic manipulation of phenylpropanoid biosynthesis and defense responses --a review," <i>Gene</i> 179:61-71 (1996)					
7	Erskine, "Selection for Pod Retention and Pod Indehiscence in Lentils," <i>Euphytica</i> 34:105-112 (1985)					
8	Flanagan et al, "Specific expression of the <i>AGL1</i> MADS-box gene suggests regulatory functions in <i>Arabidopsis</i> gynoecium and ovule development," <i>The Plant Journal</i> 10:343-353 (1996)					
9	Gillaspy et al., "Fruits: A Developmental Perspective," <i>The Plant Cell</i> 5:1439-1451 (1993)					
10	Gu, et al., "The FRUITFULL MADS-box gene mediates cell differentiation during <i>Arabidopsis</i> fruit development"; <i>Development</i> 125:1509-1517 (1998)					
11	Hempel et al., "Floral determination and expression of floral regulatory genes in <i>Arabidopsis</i> ," <i>Development</i> 124:3845-3853 (1997)					
12	Kempin et al., "Targeted disruption in <i>Arabidopsis</i> ," <i>Nature</i> 389:802-803 (1997)					
13	Ma, et al., " <i>AGL1</i> - <i>AGL6</i> , an <i>Arabidopsis</i> gene family with similarity to floral homeotic and transcription factor genes," <i>Genes &amp; Development</i> 5:484-495 (1991)					
14	Mandel and Yanofsky, "The <i>Arabidopsis</i> <i>AGL8</i> MADS Box Gene Is Expressed in Inflorescence Meristems and Is Negatively Regulated by <i>APETALA1</i> " <i>The Plant Cell</i> 7:1763-1771 (Nov. 1995)					
15	Meakin and Roberts, "Dehiscence of Fruit in Oilseed Rape ( <i>Brassica napus</i> L.): The Role of Cell Wall Degrading Enzymes and Ethylene," <i>Journal of Experimental Botany</i> 41:1003-1011 (Aug. 1990)					
16	Meakin and Roberts, "Dehiscence of Fruit in Oilseed Rape ( <i>Brassica napus</i> L.): Anatomy of Pod Dehiscence," <i>Journal of Experimental Botany</i> 41:995-1002 (Aug. 1990)					
17	Mena, et al., "A characterization of the MADS-box gene family in maize"; <i>The Plant Journal</i> , 8(6) 845-854 (1995)					
18	Menzel, et al., "Identification of two MADS box genes that are expressed in the apical meristem of the long-day plant <i>Sinapis alba</i> in transition to flowering," <i>The Plant Journal</i> 9:399-408 (1996)					
19	Mizukami, et al, "Functional domains of the floral regulator AGAMOUS: characterization of the DNA binding domain and analysis of dominant negative mutations," <i>Plant Cell</i> 8:831-845 (May 1996)					
20	Petersen, et al., "Isolation and characterization of a pod dehiscence zone-specific polygalacturonase from <i>Brassica napus</i> ," <i>Plant Mol. Biol.</i> 31:517-527 (1996)					
21	Purugganan, "The MADS-Box Floral Homeotic Gene Lineages Predate the Origin of Seed Plants: Phylogenetic and Molecular Clock Estimates"; <i>J. Mol. Evol.</i> 45:392-396 (1997)					
OK 22	Purugganan, et al., "Molecular Evolution of Flower Development: Diversification of the Plant MADS-box Regulatory Gene Family," <i>Genetics</i> 140:345-356 (May 1995)					

David Kuse

9 April 2002



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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Sarah Liljegren & Martin F. Yanofsky	
		Filing Date: April 13, 2000	Group:
<u>PK</u> 23	Riechmann and Meyerowitz, "MADS Domain Proteins in Plant Development," <i>Biol. Chem.</i> 378:1079-1101 (Oct. 1997)		
24	Savidge, et al., "Temporal Relationship between the Transcription of Two Arabidopsis MADS Box Genes and the Floral Organ Identity Genes," <i>The Plant Cell</i> 7:721-733 (June 1995)		
25	Sundaresan, et al., "Patterns for gene action in plant development revealed by enhancer trap and gene trap transposable elements," <i>Genes Devel.</i> 9:1797-1810 (1995)		
26	Whetten and Sederoff, "Genetic engineering of wood"; <i>Forest Ecology and Management</i> 43:301-316 (1991)		
27	Yanofsky, "Floral Meristems to Floral Organs: Genes Controlling Early Events in <i>Arabidopsis</i> Flower Development," <i>Annual Rev. Plant Physiol. Plant Mol. Biol.</i> 46:167-188 (1995)		
28	Yanofsky, et al., "The Protein encoded by the <i>Arabidopsis</i> homeotic gene <i>agamous</i> resembles transcription factors," <i>Nature</i> 346:35-39 (July 1990)		
29	Genbank Accession Number AAC19297 submitted 29 May 1998		
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31	Genbank Accession Number AF038864 submitted 16 December 1997		
32	Genbank Accession Number AF069299 submitted 29 May 1998		
<u>PK</u> 33	Genbank Accession Number AI486645 submitted 8 March 1999		
EXAMINER <u>Warc Kure</u> DATE CONSIDERED <u>9 April 2002</u>			

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**Complete if Known**

<b>Application Number</b>	09/548,971
<b>Filing Date</b>	April 13, 2000
<b>First Named Inventor</b>	Liljegren, Sarah
<b>Group Art Unit</b>	1638
<b>Examiner Name</b>	Kruse, David H.
<b>Attorney Docket Number</b>	19452A-000700US

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Sheet

1

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Attorney Docket Number

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class/subclass

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DK	1	WO	WO 99 00502 A		UNIV CALIFORNIA	7 January 1999	—	Y
DK	2	WO	WO 96 30529 A		JENKINS ELIZABETH SARAH; ROBERTS JEREMY ALAN (GB); NICKERSON BIOCE	3 October 1996	—	X

*Parcels*

30 April 2002

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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2

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
DK	3	WO	WO 99 49046 A		ROBERTS JEREMY ALAN; BIOGEMMA UK LTD (GB); WYATT PAUL (GB) WHITEL	30 September 1999	—	Y
DK	4	WO	WO 97 13865 A		PRINSEN ELS; BOTTERMAN JOHAN (BE); ONCKELEN HENRI VAN (BE); PLANT	17 April 1997	—	Y

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Signature

*David H. Kruse*

Date  
Considered

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3

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Attorney Docket Number	19452A-000700US

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
DK	5	DATABASE EMBL SEQUENCE LIBRARY 'Online! 16 March 2000 (2000-03-16) EU ARABIDOPSIS SEQUENCE PROJECT: "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 1" <del>XP002187880</del> accession no. AI161471	
	6	DATABASE TREMBL DATABASE 'Online! 1 November 1998 (1998-11-01) RYAN, E., EDWARDS, J., PAPE, K., " The sequence of A. thaliana F6N15" <del>XP002187881</del> accession no. 081313	
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DK	9	SUNDARESAN V ET AL: "PATTERNS OF GENE ACTION IN PLANT DEVELOPMENT REVEALED BY ENHANCER TRAP AND GENE TRAP TRANSPOSABLE ELEMENTS" GENES AND DEVELOPMENT, COLD SPRING HARBOR, NY, US, vol. 9, no. 14, 15 July 1995 (1995-07-15), pages 1797-1810, <del>XP000674326</del> <del>ISSN: 0890-9369</del>	

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4

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